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(54) Title: NOVEL THERMOPLASTIC HYDROGEL POLYMER COMPOSITIONS FOR USE IN PRODUCING CONTACT LENSES AND METHODS OF PRODUCING SAID COMPOSITIONS

(57) Abstract: The present invention relates generally to production of thermoplastic materials which swell in water to produce hydrogels. These materials will hereafter be referred to as "thermoplastic hydrogels". They are useful as contact lenses or for use in vision correction prosthetics or as cosmetic devices. In particular, the invention relates to thermoplastic hydrogels which show improved flow characteristics.